



## NOAA Restoration Center

### Mountain Charlie Gulch Instream Habitat Restoration

#### Project Description

This project will improve anadromous fish habitat in Mountain Charlie Gulch by improving fish passage and stabilizing streambanks. These activities will improve the overall habitat conditions by reducing sediment input from wasting streambanks and will open more than 10,000 feet of anadromous fish habitat.

**Project Nickname** Mountain Charlie Gulch/AR-2002  
**Location** Felton, Santa Cruz County, CA, SWR  
**Program** Community-based Restoration **Congressional District** CA 15  
**Lat, Long Coordinates** -122.0448, 37.1007 **Land Ownership** Public  
**Implementation Start Date** 01-SEP-01 **Implementation End Date** 15-OCT-02  
**River Basin** San Lorenzo River **HUC** 18060001  
**Geographic Identifier** Central California Coast **USGS Topo Quad** FELTON  
**Project Status** Implementation Complete **Project Type** Restoration  
**Project Status Description** complete

#### Landmark

#### Number of Volunteers

#### Volunteer Hours

#### Volunteer Description

**Proposed Project?** **Project Closed?** Y **FY Completed** 2003

#### Habitat Information

Type	Acres Created	Acres Re-established	Acres Rehabilitated	Acres Enhanced	Acres Protected	Stream Miles	# Plants/ Animals
stream/river channel						1.9	

#### Species Information

Commonname	Genus	Species	Population Name	NMFS Status	Species Type
Salmon, coho	<i>Oncorhynchus</i>	<i>kisutch</i>	Central California Coast	Threatened	animal
Trout, steelhead	<i>Oncorhynchus</i>	<i>mykiss</i>	Central California Coast	Threatened	animal

#### Partners

Community Action Board
Coastal Watershed Council
San Lorenzo Valley Water District

#### Restoration Techniques

streambank stabilization
debris removal/cleanup

#### Contacts

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#### NOAA Involvement

source of funding

#### Monitoring Information

Characteristic	Type
Finfish utilization	Functional

#### Additional Info

***Funding Information***

<b>Funding Mechanism</b>	<b>FY Awarded</b>	<b>NOAA Contribution</b>	<b>Partnership Contribution</b>	<b>Total Partnership Contribution</b>
American Rivers	2002	\$23,000	\$0	\$23,000
<b>TOTALS</b>		\$23,000	\$0	\$23,000

**Other Non-Federal \$**  **Other Federal \$**  **Total Project Cost**

**Funding Recipient** City of Santa Cruz

**Funding Comments*****Project Abstract***

This streambank stabilization and fish passage project was implemented in the summer and early fall of 2002 on Mountain Charlie Creek, a tributary to San Lorenzo River and the Pacific Ocean near the town of Santa Cruz, CA. Mountain Charlie Creek currently supports California Central Coast Steelhead and, historically, the overall watershed also supported Coho, both of which are federally listed as Threatened. This work improved overall habitat conditions by reducing sediment input from wasting streambanks and opening up over 10,000 feet of anadromous fish spawning and rearing habitat. Work was completed almost entirely of hand labor and was overseen by the City of Santa Cruz (COSC). Pre- and post-implementation longitudinal profiles and photo-documentation has been conducted. The project proponent will continue long-term monitoring after project is "closed" with NOAA Fisheries. Outreach with various school and community groups has already been conducted, and similar outreach efforts will be conducted on the site by COSC and the San Lorenzo Valley Water District (SLVWD) on an ongoing basis. The site is on land owned by the COSC and San Lorenzo Valley Water District.